

## **DON'T LOOSE YOUR HEAD. HAVE IT OVERHAULED!**



### **CMG Trading Cylinder heads**

#### **Description of the work**

##### **1. Cylinder-head overhaul**

- Thorough cleaning of all components at CMG Trading we use only environment-friendly cleaning materials

##### **2. Evaluation of the cylinder head**

- The cast piece of the head is checked for corrosion, cavitations and tear (metal check) according to ISO 9001:2008
- Precise re-work of the threaded bores
- Pressure test on the water side

##### **3. Component evaluation according to ISO 9001:2008**

- All components are checked for wear, tear and break and measured
- All measurements are recorded in a protocol

##### **4. Intake- and exhaust valve**

- The valve guide, valve and valve seat of the outlet side are replaced by certified new spare parts
- The inlet side is thoroughly tested and precisely reconditioned

##### **5. Valve sets and rotocaps**

- Progression and preloading force of the valve springs are tested in accordance with manufacturer specifications
- Examination of valve spring keys and spring plates
- All rotocaps are replaced

##### **6. Intake- and exhaust manifold**

- To optimise performance, the intake- and exhaust manifold are specially reconditioned

##### **7. Assembly of the cylinder head**

- Painting, stamping and final check
- Packaging in recyclable material

##### **Optional: Replacement head**

- You are receiving an replacement head in exchange for your used identical cylinder head which can be reconditioned
- Reconditioned and tested according to ISO 9001:2008
- You are thus ensuring brief down-time periods and rapid availability of your plant!

#### **Terms of delivery**

- Delivery ex works, excluding packaging
- Subject to prior sale
- Delivery within two weeks

## CMG Trading Cylinder heads

### Price list

Type of Engine	Cylinder head repair	Cylinder head exchange	Cylinder head refund
<b>Deutz-MWM</b>			
226	540,00 €	750,00 €	650,00 €
234	415,00 €	490,00 €	450,00 €
616	690,00 €	950,00 €	650,00 €
604 / 620 Standard	815,00 €	1.100,00 €	1.100,00 €
604 / 620 Nimonic	815,00 €	1.100,00 €	1.100,00 €
<b>GE Jenbacher</b>			
JW 160/240/320	750,00 €	990,00 €	2.325,00 €
Series 2	750,00 €	990,00 €	2.325,00 €
Series 3	750,00 €	990,00 €	2.325,00 €
Series 6	2.415,00 €	2.750,00 €	5.140,00 €
<b>Caterpillar</b>			
3412	4.430,00 €	4.930,00 €	3.920,00 €
Series 35..	1.060,00 €	1.545,00 €	1.750,00 €
<b>Waukesha</b>			
Series VGF	940,00 €	1.275,00 €	1.200,00 €
Series VHP	1.625,00 €	2.165,00 €	2.500,00 €
<b>MAN</b>			
Series 25..	490,00 €	580,00 €	350,00 €
Series 28..	490,00 €	580,00 €	350,00 €

More cylinder heads of engine types not listed here are available on request.

The exact construction of the cylinder heads on exchange basis is to be determined before ordering.

The described scope of service at a cylinder head repair and a cylinder head on exchange basis is identical. Excess work is possible after consultation.

The advantage of using cylinder heads on exchange basis is the opportunity to shorten the down time of your plant by means of our stocking. The return of a repairable used identical part is a precondition. The refund value is set off.

Offer is valid until the 01.07.2014 or until revoked.



GL Systems Certification